1. Project Information

CTA or Portfolio:
CHSSI Project Number:
Project Title:
Principal Investigator:

2. Software Test Environment[1]

System	Processors to be Used for Computation	Location	Site Point of Contact
SGI Origin 2000[2]	64	ARL, Aberdeen	

3. OTRR Test Participants and Users[3]

Name and Title	Organization and Position	Commercial Phone Number and E-mail Address	Purpose of Using the Software

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[1] List the systems to be used in the test event as shown in the example. Since the software developed under CHSSI must be ported to multiple platforms, the test plan must consider this. Every final developmental performance CTP must be tested and reported for all targeted platforms. For example, if a project claims scalability on three platforms as an optimum threshold, then each performance CTP should be tested and reported on all three platforms.
    Include the site point of contact as well as his/her email and voice telephone number.

[2] This is a sample line.

[3] List the approved OTRR testers and any primary users of the software. This list should be much more extensive than the list of Beta users provided in the Beta Test Plan. List the OTRR testers and then the top three or four users here, copy the table structure, and paste it to the end of the test plan as an attachment. Then continue the list of users on the copied table.

4. Test Case Scenarios[4]

4.1 Source of Baseline Data[5]

4.2 Expected Results[6]

5. Testing

5.1 Critical Technical Parameters[7]

CTP Title	Parameters		CTP-Specific Detail[8]
	Optimum Objectives	Minimum Threshold	
[9]			

5.2 Methods to Obtain Metrics[10]

5.3 Special Requirements[11]

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[4] Describe the computational problems for the OTRR test event that will be solved using this software. Provide detailed information so that personnel not involved in the field may understand.

[5] Identify the source of the baseline data (non-scalable legacy software, analytical solution, etc.)

[6] Specify the expected computational solution as well as the acceptable error (variance) factor.

[7] Identify the Critical Technical Parameters (both optimum and minimum threshold) that will be evaluated during OTRR testing. These are contained within the latest approved Software Development Plan.

[8] Describe any specific methods, requirements, assumptions, constraints or considerations of particular relevance to the CTP. If "None", so state. **If the CTPs will be fragmented among the testers, list the tester responsible for testing each CTP here.**

[9] Insert a row for each CTP being tested.

[10] Identify the method(s) to qualify and quantify the test values/results. The test values and ensuing results must be documented for each platform used in the test event. The results must be provided in an MS Excel workbook, along with the OTRR test report. Column headings shall include the type of platform (e.g., Origin 2000, IBM-SP, Cray T3E, etc.).

[11] Specify any special requirements (for example, 48 hours of continuous facility time, weapon simulation, extent of test, use of a special input or database).

5.4 Assumptions and Constraints[12]

5.5 Special Considerations[13]

6. User and Installation Documentation and Instructional Materials[14]

7. Reporting[15]

8. Review[16]

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[12] Describe any assumptions and constraints, such as anticipated limitations on the test due to system or test conditions, timing, interfaces, equipment, personnel, database, etc.

[13] Identify all safety, security, and privacy considerations associated with the test and the methodology used to mitigate them.

[14] Provide a complete listing of all instructional and informational media available for review by testers and the CTA/Portfolio Leader before and at the test event. The approved test plan and all materials cited in this section will be provided to the testers well in advance of the OTRR test event(s).

[15] Specify how the results of the testing will be documented. Recommend citing the OTRR Test Report and the CTA/Portfolio Leader's Evaluation Report.

[16] Use the following text and insert the scheduled date for the formal review: "The results of the OTRR test event will be presented to the Project Manager for Software Applications Support at a formal review. The review is scheduled for <insert date>."